



Robert Greene Sterne
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Spokohl
Eric K. Steffe
Michael Q. Lee
John M. Covert
Robert C. Millonig
Donald J. Featherstone
Timothy J. Shea, Jr.
Michael V. Messinger
Judith U. Kim
Mark Fox Evans
Jeffrey T. Helvey
Eldora L. Ellison
Donald R. Banowitz
Peter A. Jackman
Brian J. Del Buono

Elizabeth J. Haanes
Michael D. Specht
Kevin W. McCabe
Glenn J. Perry
Theodore A. Wood
Gaby L. Longworth
Edward W. Yee
Grant E. Reed
Jason D. Eisenberg
Tracy L. Muller
Jon E. Wright
LuAnne M. DeSantis
Helene C. Carlson
Cynthia M. Bouchez
Timothy A. Doyle
Lori A. Gordon
Shannon A. Carroll
Anbar F. Khal
Michelle K. Holoubek
Marsha A. Rose
Scott A. Schaller
Lei Zhou

W. Blake Coblentz
James J. Pohl
John T. Haran
Mark W. Rygiel
Michael R. Malek
Carla Ji-Eun Kim
Doyle A. Siever*
Ulrike Winkler Jenks
Paul A. Calvo
C. Matthew Rozier
Randall K. Baldwin
Lori M. Brandes
Jeremy M. Klass
Stephanie L. Elmer
Jeffrey K. Mills
Mita Mukherjee*
Scott M. Woodhouse*
Peter A. Socarras
Christian A. Camarce
Richard D. Collier
Patrick P. Hansen
Ross G. Hicks

Keisha Hylton-Rodic
Gene A. Lang
Bonnie Nannenga-Combs
Alyssa K. Sandrowitz
Jonathan M. Strang
Ishan P. Weerakoon
Chenghua Luo
Salvador M. Bezos*
Bruce B. Vance
Justin T. Sher
Byron L. Pickard
Kellie K. DiNapoli*
Richard B. Almon*
Christopher B. Ferenc*
Jeffrey R. Fougere
William P. Ladd

Registered Patent Agents*
Karen R. Markowicz
Danielle L. Letting
Steven C. Oppenheimer
Aaron S. Lukas

Gaurav Asthana
Yasser Mourtada
Cynthia L. DeRenzo
Omar F. Amin
Ralph W. Powers III
Erin C. Wong
Joseph E. Mutschelknaus
Kavon Nasabzadeh
Aaron S. Ward

Of Counsel
Edward J. Kessler
Kenneth C. Bass III
Christopher P. Wrist
David C. Isaacson

*Admitted only in Maryland
*Admitted only in Virginia
*Practice Limited to
Federal Agencies

May 4, 2009

WRITER'S DIRECT NUMBER:

(202) 772-8629

INTERNET ADDRESS:

DONF@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 2851

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 10/797,664; Filing Date: March 11, 2004
For: **Method and Apparatus for Maintaining a Machine Part**
Inventors: VAN GROOS *et al.*
Our Ref: 1857.7540002

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Online Credit Card Payment Authorization in the amount of \$180.00 to cover:
\$ 180.00 fee under 37 C.F.R. § 1.17(p);
2. Fifth Supplemental Information Disclosure Statement;
3. Form PTO/SB/08A (3 sheets) listing sixty-seven (67) documents (US1-US49 and FP1-FP18);
4. Form PTO/SB/08B (2 sheets) listing twenty (20) documents (NPL1-NPL20); and
5. Copies of cited documents (FP1-FP18 and NPL1-NPL20).

The above-listed documents are filed electronically through EFS-Web.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
May 4, 2009
Page 2

Fee payment is provided through online credit card payment. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Donald J. Featherstone", written in a cursive style.

Donald J. Featherstone
Attorney for Applicants
Registration No. 33,876

DJF/ahw
Enclosures

DOC#973478_1.DOC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

VAN GROOS *et al.*

Appl. No.: 10/797,664

Filed: March 11, 2004

For: **Method and Apparatus for
Maintaining a Machine Part**

Confirmation No.: 3918

Art Unit: 2851

Examiner: Kim, Peter B.

Atty. Docket: 1857.7540002

Fifth Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the patentability of this application as defined in 37 C.F.R. §1.56, and in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.97 and 1.98.

Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent

application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- ☐ 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- ☒ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

- ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☒ c. The required fee is provided through online credit card payment authorization in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).
- ☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but on or before payment of the Issue Fee. The required fee is provided through online credit card payment authorization in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

- ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38 and MPEP 609.04(a)(III).
- ☒ 6. A concise explanation of the relevance of the non-English language documents appears below in accordance with 37 C.F.R. § 1.98(a)(3).

US Pat No. 6,308,776 was submitted December 8, 2008 in an Information Disclosure Statement and represents the English-language counterpart of document FP4 (JP 7-204984 A).

Document FP5 (JP 9-246347 A) appears to describe a multichamber wafer treatment system, as indicated by its English language translation, which is submitted as NPL14.

Document FP6 (JP 2001-015432 A) appears to describe a treatment system and manufacture of device, as indicated by its English language abstract, which is submitted as NPL16.

Document US27 (6,805,748 B1) is submitted herewith as the English-language counterpart of document FP7 (JP 2001-118904 A).

Document FP8 (JP 2001-222099 A) appears to describe a charge beam drawing device and charge beam drawing method, as indicated by its English language translation, which is submitted as NPL15.

Document US8 (5,944,857) is submitted herewith as the English-language counterpart of document FP9 (JP 2001-524267 T).

Document FP10 (JP 2002-033264 A) appears to describe a projection aligner, as indicated by its English language translation, which is submitted as NPL17.

Document FP11 (JP 2002-075856 A) appears to describe a load-lock chamber and aligner using the same, as indicated by its English language abstract, which is submitted as NPL9.

Document US10 (6,083,566) is submitted herewith as the English-language counterpart of document FP12 (JP 2002-517055 T).

Document FP13 (JP 2003-023059 A) appears to describe a method for conveying/delivering substrate and exposure apparatus, as indicated by its English language abstract, which is submitted as NPL18.

Document FP14 (JP 2003-031470 A) appears to describe a projection aligner, as indicated by its English language abstract, which is submitted as NPL19.

Document US40 (2003/0015290 A1) is submitted herewith as the English-language counterpart of document FP15 (JP 2003-031639 A).

Document US31 (7,024,266 B2) is submitted herewith as the English-language counterpart of document FP16 (JP 2003-045947 A).

Document FP17 (JP 2003-068819 A) appears to describe a dual wafer load lock, as indicated by its English language abstract, which is submitted as NPL20.

Document US7 (5,752,796) is submitted herewith as the English-language counterpart of document FP18 (TW 315488).

- ☒ 7. Copies of documents FP1-FP18 and NPL1-NPL20 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.
- ☐ 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. _____, filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
- ☐ 9. It is expected that the examiner will review the prosecution and cited art in the parent application no(s). _____ in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.
- ☒ 10. The examiner is directed to the prosecution and cited art in related application nos. 10/797,725 filed March 11, 2004 (now U.S. Pat. No. 7,359,031), 12/068,072 filed February 1, 2008, and 10/797,608 filed March 11, 2004 (now U.S. Pat. No. 7,394,520), which both have related foreign priority of European Application No. 03075703.3.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Donald J. Featherstone
Attorney for Applicants
Registration No. 33,876

Date:

5/4/09

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

DOC#973475_1.DOC